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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: Wed May 16 10:12:18 EDT 2007

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Application No: 10588095

Version No: 1.0

Input Set:

Output Set:

Started: 2007-05-15 16:39:51.705

Finished: 2007-05-15 16:39:52.943

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 238 ms

Total Warnings: 22

Total Errors: 0

No. of SeqIDs Defined: 24

Actual SeqID Count: 24

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
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W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)
W 213	Artificial or Unknown found in <213> in SEQ ID (21)
W 213	Artificial or Unknown found in <213> in SEQ ID (22)

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Error code

Error Description

This error has occurred more than 20 times, will not be displayed

# SEQUENCE LISTING

<110> SUNG, SOON-KEE  
LEE, YOUNG-PYO  
YU, GYUNG-HEE  
CHOI, YEON-OK

<120> The usage of MADS-box genes in fruit & seed development by  
regulating active gibberelin synthesis

<130> 428.1074

<140> 10588095

<141> 2007-05-15

<150> US/10/588,095

<151> 2006-07-28

<150> PCT/KR05/00282

<151> 2005-01-31

<150> KR10-2004-10432

<151> 2004-02-17

<150> KR10-2004-6551

<151> 2004-02-02

<160> 24

<170> KopatentIn 1.71

<210> 1

<211> 1065

<212> DNA

<213> Malus domestica

<220>

<221> gene

<222> (1)..(1065)

<223> Malus domestica mRNA for C-type MADS-box protein (MdMADS14)

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actcaaagtc aagaactaac agaaagagcc acaattcatc tattttgagg gggtttttgcc 120

atttttcatc ctgtgaacaa tggagttcgc aaatcaagca cctgagagct ctacccaaaa 180

aaaattggga agaggcaaaa ttgagattaa gcggatcgaa aacactacca atcgacaagt 240

caccttctgc aaacgccgca acggattgct taagaaagcc tatgaattgt ctgttctttg 300

tgatgctgaa gttgctctta tcgtcttctc caccctgggc cgcctctatg agtatgctaa 360

caacagcggt agagcaacaa tcgacaggta caaaaaagca tgcgctgatt ctacggacgg 420

tg gatctgta tcagaagcta acactcagtt ttatcagcag gaagcatcaa aactgcgaag	480
acagatccga gaaattcaga attcaaacag gcatatactg ggggaatccc ttagcacctt	540
gaaagtcaag gaactgaaaa acctagaagg aagattggag aaaggaatca gcagaataag	600
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gctgcaacac cacaacaatt ttctgagagc aaagatagct gaaagcgaga gggaacagca	720
gcagcagcaa acacatatga ttccgggaac ttctacgat ccgtcgatgc cttcgaattc	780
gtatgacagg aacttcttcc ctgtgatctt ggagtccaat aataaccatt accctcgcca	840
aggccagaca gctctccaac ttgtttgaaa tgctggactg ccgtctgatg ttcttctatc	900
catatcctct gatctgtctt cataaatcta tgagataatt gacgttgtag tttttatgta	960
tatgggagaa ccagtttgct catgttctcc ataatatata tatgtgtgat gatggacccc	1020
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 <213> Malus domestica  
  
 <220>  
 <221> gene  
 <222> (1)..(876)  
 <223> Malus x domestica AGAMOUS-like protein mRNA, complete  
 cds (MdMADS16)

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agctaacaga gaaaaccaca attcatcaat ttggaggggt ttttgccatt tttcatcctt	120
gcaacaatgg agttcccaaa tcaagcaccg gagagctcct ccagaaaaaa attgggaagg	180
ggcaaaattg agattaagcg gatcgaaaac actacaaatc gacaagttac cttctgcaaa	240
cgccgcaacg gattgcttaa gaaagcctat gaattgtctg ttctttgtga tgctgaagtt	300
gctcttatcg tgttctccaa ccgtggccgc ctctatgagt atgctaacaa cagtgttaga	360
gcaacaatcg acaggtacaa aaaagcatac gctgatecta cgaacagtgg atctgtttca	420
gaagccaaca ctcaagtttta tcagcaggaa gcatccaaac tgcaagaca gatccgagaa	480
attcagaatt caaacaggca tatactgggt gaagctctta gtccttgaa cgccaaggaa	540
ctgaagaacc tagaaggaag attggagaaa ggaatcagca gaataagatc caaaaagaat	600

gaaatgctgt tttctgaaat cgaattcatg caaaaaaggg agaccgagct gcaacaccac	660
aacaattttc tgagagcaaa gatagctgaa aacgagaggg aagagcagca gcatacacac	720
atgatgccgg gaacttccta cgatcagtca atgccttcgc attcttatga caggaacttc	780
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 <223> first forward degenerate primer

<220>  
 <221> misc\_feature  
 <222> (1)..(20)  
 <223> 6th, 12th, 15th nucleotide 'n' represent inosine

<400> 3	
aaycgnrcarg tnacnttytg	20

<210> 4  
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 <212> DNA  
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<220>  
 <223> first reverse degenerate primer

<220>  
 <221> misc\_feature  
 <222> (1)..(19)  
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<400> 4	
tcngcgatyt tnshnckna	19

<210> 5  
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 <212> DNA  
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<220>  
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 <222> (1)..(20)  
 <223> 9th and 18th nucleotide 'n' represent inosine

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<210> 6  
 <211> 36  
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<210> 7  
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 atccactgtt cgtaggatca gcgtatg 27

<210> 8  
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<210> 9  
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caagatcacc gctgggagga a 21



<210> 14  
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 <223> ACTIN forward primer

<400> 14  
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<210> 15  
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 <223> ACTIN reverse primer

<400> 15  
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<210> 16  
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 <213> Artificial Sequence  
  
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 <223> hybridization probe

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 gaaaacgaga gggaagagca gcagcataca cacatgatgc cggaacttc ctacgatcag 120  
  
 tcaatgcctt cgcattctta tgacaggaac ttcctcccag cggatgatctt ggagtccaac 180  
  
 aataaccatt accctcacca agtccagaca gctctccaac ttgtttgaaa tgctggactg 240  
  
 ccgtctgat 249

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<400> 22  
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<210> 23  
<211> 18  
<212> DNA  
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<220>  
<223> Le20ox-1 forward primer

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cccaacaagc atctgagc 18

<210> 24  
<211> 18  
<212> DNA  
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<220>  
<223> Le20ox-1 reverse primer

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ttcctaaggc gagctccg 18